# ADVANTAGE® ELECTROL®

**Automatic Electric Projection Screen Model**

**DA-LITE SCREEN COMPANY LLC**
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## SPECIFICATION DATA

**SUGGESTED SPECIFICATIONS:** _____ projection screen(s), _____ (H) x _____ (W), electrically operated 120 volt (60Hz), not more than 2.4 amp with a quick connect male plug-in connector on the motor. Shall have specially designed motor mounted inside the roller, to be three wire with ground, quick reversal type, oiled for life, with automatic thermal overload cutout, integral gears, capacitor and an electric brake to prevent coasting. To have preset but adjustable limit switches to automatically stop picture surface in the "up" and "down" positions. Junction box shall be externally integrated into the housing making it possible to install the housing and wire to the building's electrical system during construction. The junction box shall contain a quick connect connector that is mounted in the housing for easy plug-in connection to the motorized fabric and roller assembly. The roller to be of rigid metal. The motorized fabric and roller assembly to be installed in the case at the factory or at a later time at the job site. Roller mounting brackets to be adjustable to allow centering or offsetting of the screen within the case. Screen to be designed for left or right-hand motor installation. Screen fabric to be flame retardant and mildew resistant fiberglass with black masking borders standard. Bottom of fabric shall be formed into a pocket holding a metal rod. Heavy duty plastic caps shall protect the ends of the rod. Top, front and back of case to be made of extruded aluminum powder coated white. End caps to be of heavy gauge steel, powder coated white. Bottom of case to have a removable access door. Door to be of extruded aluminum powder coated white. Bottom of case to be self-trimming, with a built-in flange around the bottom of the case. To be complete with a three-position control switch and cover plate. Suitable for use in environmental air space in accordance with section 300-22 (c) of the National Electric Code, and sections 2-128, 12-010 (3) and 12-100 of the Canadian Electrical Code, part 1, CSA C22.1. Screen to be listed by Underwriters' Laboratories.

**Matte White:** Horizontal seam required when both dimensions exceed 10'.
**High Contrast Matte White:** Available in sizes where both dimensions do not exceed 10'.
**Video Spectra 1.5 :** Available in sizes where both dimensions do not exceed 8'.
**Silver Lite 2.5 :** Available in sizes up to and including 8' x 8'.
**High Power® and High Contrast High Power®:** Available in sizes up to and including 9' x 12'. Horizontal seam required when both dimensions exceed 8'.

**WHEN ORDERING, MARK APPROPRIATE SELECTIONS:**

**Select size from charts on the other side.**

**Select viewing surface:**

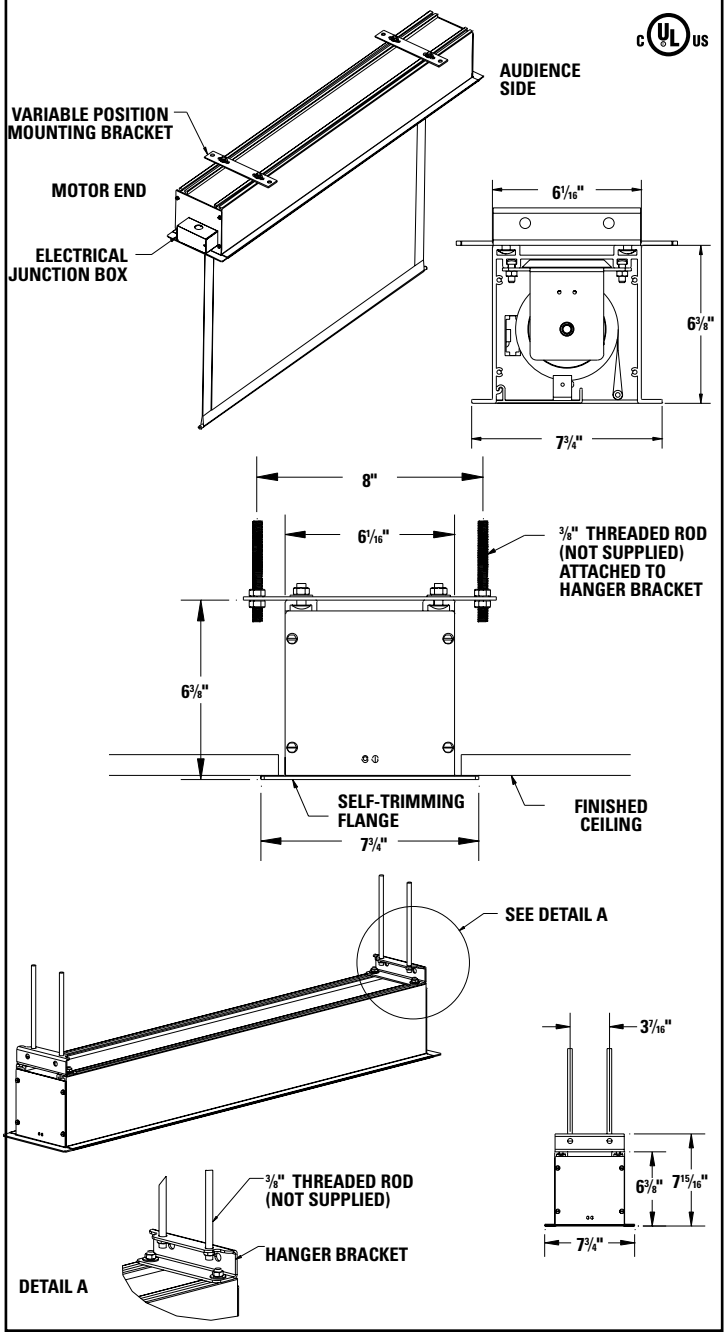
- ❑ Matte White ❑ High Contrast Matte White
- ❑ High Power® ❑ High Contrast High Power®
- ❑ Video Spectra 1.5 ❑ Silver Lite 2.5

**GREENGUARD® and GREENGUARD® Children and Schools Certified.**

**Optional Accessories:**

- ❑ Extra Drop available to lower picture area more than normal. Specify total drop at top _____ (black or white) or at bottom _____ (black or white) 13' maximum total surface height including picture area.
- ❑ Single Motor Low Voltage Control (LVC) - external.
- ❑ Single Motor Low Voltage Control (LVC) - built-in.
- ❑ Wireless Remote Control for LVC.
  - ❑ Radio Frequency Remote.
    - ❑ Radio Frequency Range Extender available
  - ❑ Infrared Remote.
- ❑ Silent Motor.
- ❑ Silent Motor with Integrated LVC.
- ❑ Key Locking Cover Plate for 120V or LVC Switch.
- ❑ Key Operated Switch for 120V only (NOTE: Cannot be used with LVC).
- ❑ No Borders (Black masking borders standard).
- ❑ 220 Volt (50 Hz) Motor.
- ❑ Video Projector Interface Control - external.
- ❑ Video Projector Interface Control - built-in (Adds 10" to case length on 220V motor only).
- ❑ SCB-100 RS-232 Serial Control Board - external.
  - ❑ NET-100 Ethernet-Serial Adapter
- ❑ SCB-100 RS-232 Serial Control Board - built-in. (adds 10" to overall length of case)
  - ❑ NET-100 Ethernet-Serial Adapter
- ❑ SCB-200 RS-232 Serial Control Board - built-in only. (adds 10" to overall length of case)
  - ❑ NET-200 Ethernet-Serial Adapter
  - ❑ WC-200 Wall Controller
  - ❑ IR-200 Infrared Remote

## SUGGESTED METHODS OF INSTALLATION



**VIDEO (NTSC 4:3) FORMAT DIMENSIONS (2" standard black drop at top)**

| Viewing Area | | Nominal Diagonal | | Overall Length of Case (does not include flange) | | Approx. Ship. Wt. | |
|---|---|---|---|---|---|---|---|
| H x W | Cm | In. | Cm | In. | Cm | Lbs. | Kg |
| 43" x 57" | 109 x 145 | 72" | 183 | 65½" | 166 | 60 | 27.2 |
| 50" x 67" | 127 x 170 | 84" | 213 | 75½" | 192 | 65 | 29.5 |
| 57" x 77" | 145 x 196 | 96" | 244 | 89½" | 227 | 77 | 34.9 |
| 60" x 80" | 152 x 203 | 100" | 254 | 89½" | 227 | 77 | 34.9 |
| 69" x 92" | 175 x 234 | 120" | 305 | 101½" | 258 | 89 | 40.4 |
| 87" x 116" | 221 x 295 | 150" | 381 | 125½" | 319 | 100 | 45.4 |
| 105" x 140" | 267 x 356 | 180" | 457 | 149½" | 380 | 106 | 48.1 |
| 120" x 160" | 305 x 406 | 200" | 508 | 169½" | 431 | 123 | 55.8 |

**HDTV (16:9) FORMAT DIMENSIONS (2" standard black drop at top)**

| Viewing Area | | Nominal Diagonal | | Overall Length of Case (does not include flange) | | Approx. Ship. Wt. | |
|---|---|---|---|---|---|---|---|
| H x W | Cm | In. | Cm | In. | Cm | Lbs. | Kg |
| 45" x 80" | 114 x 203 | 92" | 234 | 89½" | 227 | 75 | 34.0 |
| 52" x 92" | 132 x 234 | 106" | 269 | 101½" | 258 | 88 | 39.9 |
| 54" x 96" | 137 x 244 | 110" | 279 | 105½" | 268 | 89 | 40.4 |
| 58" x 104" | 147 x 264 | 119" | 302 | 113½" | 288 | 95 | 43.1 |
| 65" x 116" | 165 x 295 | 133" | 338 | 125½" | 319 | 98 | 44.5 |
| 78" x 139" | 198 x 353 | 159" | 404 | 149½" | 380 | 104 | 47.2 |
| 90" x 160" | 229 x 406 | 184" | 467 | 169½" | 431 | 123 | 55.8 |

**WIDE (16:10) FORMAT DIMENSIONS (2" standard black drop at top)**

| Viewing Area | | Nominal Diagonal | | Overall Length of Case (does not include flange) | | Approx. Ship. Wt. | |
|---|---|---|---|---|---|---|---|
| H x W | Cm | In. | Cm | In. | Cm | Lbs. | Kg |
| 50" x 80" | 127 x 203 | 94" | 239 | 89½" | 227 | 75 | 34 |
| 57½" x 92" | 146 x 234 | 109" | 277 | 101½" | 258 | 88 | 39.9 |
| 60" x 96" | 152 x 244 | 113" | 287 | 105½" | 268 | 89 | 40.4 |
| 65" x 104" | 165 x 204 | 123" | 312 | 113½" | 288 | 95 | 43.1 |
| 69" x 110" | 175 x 279 | 130" | 330 | 119½" | 304 | 97 | 44.0 |
| 72½" x 116" | 184 x 295 | 137" | 348 | 125½" | 319 | 100 | 45.0 |
| 87" x 139" | 221 x 353 | 164" | 417 | 149½" | 380 | 104 | 47.2 |
| 100" x 160" | 254 x 406 | 189" | 480 | 169½" | 431 | 123 | 55.8 |

**SQUARE FORMAT DIMENSIONS (screens with ^ have 2" standard black drop at top)**

| Sizes | | Overall Length of Case (does not include flange) | | Approx. Ship. Wt. | |
|---|---|---|---|---|---|
| H x W | Cm | In. | Cm | Lbs. | Kg |
| 50" x 50" | 127 x 127 | 55½" | 141 | 54 | 24.5 |
| 60" x 60" | 152 x 152 | 65½" | 166 | 61 | 27.7 |
| 70" x 70" | 178 x 178 | 75½" | 192 | 68 | 30.8 |
| 84" x 84" | 213 x 213 | 89½" | 227 | 79 | 35.8 |
| 6' x 8'^ | 183 x 244 | 101½" | 258 | 89 | 40.4 |
| 8' x 8' | 244 x 244 | 101½" | 258 | 91 | 41.3 |
| 7' x 9'^ | 213 x 274 | 113½" | 288 | 96 | 43.5 |
| 9' x 9'^ | 274 x 274 | 113½" | 288 | 97 | 44.0 |
| 8' x 10'^ | 244 x 305 | 125½" | 319 | 100 | 45.4 |
| 10' x 10'^ | 305 x 305 | 125½" | 319 | 102 | 46.3 |
| 9' x 12'^ | 274 x 366 | 149½" | 380 | 106 | 48.1 |
| 12' x 12' | 366 x 366 | 149½" | 380 | 119 | 54.0 |

Overall case length dimensions ±¼" (0.6 cm).

Detail dimensional drawings, wiring diagrams and installation instructions available upon request.

Specifications subject to change without notice.

Custom formats and sizes available upon request.

Electrical junction box extends 2⅛" (5.4 cm) past case length on left end of case, 1⅛" (2.9 cm) past ceiling flange.

Internal junction box available. Will add 3½" (8.9 cm) to overall case length and must be specified at time of order, recommended for drywall installations.

Junction box on top of case available. Will add 3½" (8.9 cm) to overall case length and 1⅞" (4.8 cm) to height at left end of case; must be specified at time of order.

Project: _____

_____

Architect: _____

Phone: _____

Contractor: _____

Phone: _____

Supervisor: _____

Phone: _____

Supplier: _____

Date: _____

Revised: _____